

# Product Datasheet

## VACHT/SLC18A3 Antibody - Azide and BSA Free NB100-91347

Unit Size: 0.5 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-91347**

VACHT/SLC18A3 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute 0.5 mg size in 0.5 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the 0.1 mg size is provided in reconstituted format.
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	Lyophilized from PBS

Product Description	
Host	Rabbit
Gene ID	6572
Gene Symbol	SLC18A3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from human VACHT/SLC18A3 conjugated to blue carrier protein was used as the antigen. The antigen is homologous in rat and mouse.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 10-50 ug/ml, Immunohistochemistry 10-50 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	Use in ICC/IF reported in scientific publication (PMID: 23658180).

**Publications**

Dunn AR, Hoffman CA, Stout KA et al. Immunochemical Analysis Of The Expression Of Sv2c In Mouse, Macaque And Human Brain. Brain Res. 2017-12-21 [PMID: 29274878] (IF/IHC, Mouse)

Li W, Yu J, Liu Y et al. Elevation of Brain Magnesium Prevents and Reverses Cognitive Deficits and Synaptic Loss in Alzheimer's Disease Mouse Model. J Neurosci 2013-05-08 [PMID: 23658180] (IF/IHC, ICC/IF, Mouse)





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### **Products Related to NB100-91347**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006572-Q01-10ug	Recombinant Human VACHT/SLC18A3 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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